

WELIKERA OS110

WELIKERA OS110 58MM Thermal Receipt Printer User Manual

Model: OS110

1. INTRODUCTION

The WELIKERA OS110 is a versatile 58MM thermal receipt and label printer designed for various business environments. This portable printer supports both Bluetooth 4.0 and USB connections, making it compatible with Windows, Linux, Android, and iOS operating systems. It utilizes direct thermal printing technology, eliminating the need for ink cartridges or ribbons, which reduces operating costs. Its compact size and high-speed printing capabilities make it an efficient solution for printing receipts, labels, and tickets.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your WELIKERA OS110 printer to ensure optimal performance.

2. PRODUCT OVERVIEW

2.1 Package Contents

Before you begin, please verify that all items are present in the package:

- WELIKERA OS110 Thermal Receipt Printer
- Power Adapter
- USB Cable
- User Manual (this document)
- Thermal Paper Roll (may be included)

2.2 Printer Components

Familiarize yourself with the main components of your printer:



Figure 1: External View and Dimensions

This image shows the printer's overall dimensions (175mm length, 115mm width, 86mm height) and highlights key external interfaces: (1) Power Interface, (2) Power Switch, and (3) Cash Drawer Interface. It also indicates the maximum paper width (52mm) and maximum paper roll diameter (48mm).

Detalles internos



Figure 2: Internal Components

This image details the internal parts of the printer, including the Paper Roll Shaft, Paper Shaft Installation Slot, Sharp Torn Paper Knife, Power Switch, 4 Paper Keys, Power/Bluetooth Indicator, and the Storage Cover.

3. SETUP

3.1 Loading Thermal Paper

1. Open the printer's top cover by gently lifting it.
2. Unroll a small section of the thermal paper roll.
3. Place the thermal paper roll into the paper compartment, ensuring the printing surface is facing downwards. If the paper is loaded incorrectly, no content will print.
4. Pull the leading edge of the paper out past the paper exit slot.
5. Close the printer's top cover firmly until it clicks into place.

Operación simple en 3 pasos



1

Poner

Desenrosque y coloque la hoja de etiqueta. nota: asegúrese de que la superficie de impresión esté hacia abajo (de lo contrario no hay contenido)



1

Conexión

Descargar y abrir la aplicación, mantener abierto el Bluetooth y luego hacer clic en "no conectado"



1

Edición

Después de conectarse, haga clic en la etiqueta derecha para editar el contenido e imprimirlo.

Figure 3: Paper Loading and Basic Operation Overview

This image illustrates the first step of operation: loading the thermal paper roll correctly into the printer, ensuring the printing surface is facing down.

3.2 Power Connection

1. Connect the power adapter cable to the power interface on the back of the printer (refer to Figure 1, point 1).
2. Plug the power adapter into a suitable electrical outlet.
3. Flip the power switch (refer to Figure 1, point 2) to the 'ON' position. The power indicator light should illuminate.

4. OPERATING INSTRUCTIONS

4.1 Connectivity Options

The WELIKERA OS110 printer offers flexible connectivity via Bluetooth and USB, supporting a wide range of operating systems.

Dispositivos compatibles



Windows



iOS



Android



Linux



Modo
Bluetooth



Modo USB



Figure 4: System Compatibility

This image highlights the printer's compatibility with Windows, iOS, Android, and Linux operating systems, supporting both Bluetooth and USB connection modes.

4.1.1 Bluetooth Connection (for Android/iOS)

1. Ensure the printer is powered on and within range of your mobile device.
2. On your Android or iOS smartphone, enable Bluetooth.
3. Download and open the dedicated printing application (refer to the manufacturer's website or contact support for the correct application).
4. Within the application, search for available Bluetooth devices and select the WELIKERA OS110 printer. The printer can connect to one iOS device and up to seven Android smartphones simultaneously.
5. Follow the on-screen prompts to pair the device.

Note: Connection procedures may vary slightly depending on your device's operating system and the specific printing application used. If you encounter issues, please contact customer support.

4.1.2 USB Connection (for Windows/Linux)

1. Ensure the printer is powered on.
2. Connect one end of the USB cable to the USB port on the printer and the other end to an available USB port on your computer.
3. Your operating system (Windows/Linux) may attempt to install drivers automatically. If not, you will need to install the printer drivers manually.
4. **Driver Installation:** Drivers are essential for the printer to function correctly with your computer. Please contact WELIKERA customer service directly to obtain the correct drivers for your operating system.

Important: Without the correct drivers, your computer will detect the printer but will not be able to communicate with it for printing.

4.2 Printing

Once connected, you can initiate printing from your chosen application or software. The printer supports various software platforms, including Word, Excel, and TXT documents, and is compatible with conventional cash register and removal software.

1. Open the document or application from which you wish to print.
2. Select the print option (e.g., File > Print).
3. Choose the WELIKERA OS110 printer from the list of available printers.
4. Adjust print settings as needed (e.g., paper size, number of copies).
5. Click 'Print'.

The printer offers clear and high-speed printing, reaching speeds of up to 90mm/s with low noise and high stability.

PARA TODOS LOS SECTORES



Farmacia



Supermercado



Joyería



Biblioteca



Almacén

Figure 5: Wide Range of Applications

This image demonstrates the versatility of the WELIKERA OS110 printer across different sectors, including Pharmacy, Supermarket, Jewelry, Library, and Warehouse environments.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your thermal printer.

5.1 Cleaning the Print Head

The print head is a critical component and should be cleaned periodically to prevent print quality issues.

1. Turn off the printer and disconnect the power cable.
2. Open the printer cover.
3. Use a soft cloth or cotton swab lightly dampened with isopropyl alcohol (70% or higher) to gently wipe the print head surface.
4. Allow the print head to dry completely before closing the cover and reconnecting power.

Caution: Do not use abrasive materials or sharp objects to clean the print head, as this can cause damage.

5.2 Paper Management

- Always use high-quality 58mm thermal paper. Using incorrect paper types can damage the print head or result in poor print quality.
- Store thermal paper in a cool, dry place away from direct sunlight and heat to prevent premature fading.
- Replace paper rolls promptly when they run out to avoid interruptions.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your WELIKERA OS110 printer.

6.1 Printer Not Powering On

- Ensure the power adapter is securely connected to both the printer and a working electrical outlet.
- Check if the power switch is in the 'ON' position.
- Verify that the power outlet is functional by plugging in another device.

6.2 Cannot Connect via Bluetooth

- Ensure Bluetooth is enabled on your mobile device and the printer.
- Make sure the printer is within the effective range of your device.
- Restart both the printer and your mobile device.
- Ensure you have downloaded and are using the correct printing application for your device.
- If connecting to an iOS device, remember it can only connect to one iOS device at a time.
- If the issue persists, try unpairing and re-pairing the printer from your device's Bluetooth settings.

6.3 Cannot Connect via USB / Driver Issues

- Ensure the USB cable is securely connected to both the printer and your computer.
- Try using a different USB port on your computer or a different USB cable.
- **Crucially, ensure the correct printer drivers are installed on your Windows or Linux system.** If your computer detects the printer but cannot print, it is likely a driver issue.
- **Contact WELIKERA customer service directly to obtain the latest and correct drivers for your operating system. Drivers are not readily available online and require direct contact with the manufacturer.**

6.4 Poor Print Quality or Blank Prints

- Check if the thermal paper is loaded correctly with the printing surface facing down.
- Ensure you are using thermal paper, not regular paper.
- Clean the print head as described in the Maintenance section.
- Replace the thermal paper roll if it is old or has been exposed to heat/light, as this can degrade print quality.
- Adjust print density settings within your printing application or driver, if available.

6.5 Paper Jam

- Turn off the printer and open the top cover.
- Carefully remove any jammed paper. Avoid tearing the paper inside the mechanism.
- Ensure the paper roll is properly seated and not too tight or loose.
- Close the cover and restart the printer.

If you encounter any issues not covered in this section, or if troubleshooting steps do not resolve the problem, please contact WELIKERA customer service for further assistance.

7. SPECIFICATIONS

Below are the technical specifications for the WELIKERA OS110 Thermal Receipt Printer:

Feature	Specification
Model Number	OS110
Brand	WELIKERA
Printing Technology	Direct Thermal
Connectivity	Bluetooth 4.0, USB
Printer Output	Monochrome
Max Print Speed	90 mm/s
Paper Type	Thermal Paper
Paper Width	58 mm (Max print width 48mm)
Max Paper Roll Diameter	48 mm
Product Dimensions (L x W x H)	175mm x 115mm x 86mm (approx. 16D x 10W x 7H Centimeters)
Operating Systems Supported	Windows, Linux, Android, iOS
Command Set	ESC/POS compatible
Machine Life	Up to 13 million lines
UPC	759973208363

IMPRESIÓN ULTRAANCHA SALIDA DE PAPEL ULTRAANCHA

Comparación	NUESTRO 	VS OTROS 
Ancho de impresión	20-48mm	20-35mm
Método de impresión	(Impresión por lotes)	(Impresión individual)
Velocidad de impresión	Máximo:90mm/s	Máximo:60mm/s
Modo de conexión	Teléfono móvil / computadora	Operación única
Idiomas	Idiomas de los países	Operación única
Método de devolución de papel	Automático	Manual
Plantilla de etiqueta	200 + estilo de etiqueta (reconocimiento automático)	No rico (no identificado)
Vida útil de la máquina	Se pueden imprimir 13 millones de líneas	Se puede imprimir 1 millón de líneas

Figure 6: Feature Comparison

This table provides a detailed comparison of the WELIKERA OS110's features, including print width (20-48mm), print method (batch printing), print speed (Max 90mm/s), connection modes (mobile/computer), language support, automatic paper return, label template variety (200+ styles), and machine life (13 million lines).

8. WARRANTY AND SUPPORT

For warranty information, specific driver downloads, or any technical assistance, please contact WELIKERA customer service directly. They can provide the most accurate and up-to-date support for your OS110 printer.

Note: As per product information, driver downloads and specific application details are handled directly by customer service.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question